INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO. SERIAL NO. DP-306

Inventor: Robert A. Roth

FILING **Concurrently Herewith** GROUP

U.S. PATENT DOCUMENTS								
'EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE		
Ø	774,340	11/08/1904	Smith					
) (A)	2,342,659	02/29/1944	Grove et al.					
	2,367,106	01/09/1945	Dolch	_				
(h)	2,380,459	07/31/1945	Niesemann					
())	2,564,894	08/21/1951	Glasgow					
	2,569,316	09/25/1951	Jerman					
	2,646,071	07/21/1953	Wagner					
M	2,752,933	07/03/1956	Olson					
	2,842,150	07/08/1958	Olson					
	2,884,952	05/05/1959	Mason et al.			***		
A	2,939,475	07/07/1960	Roach					
		FORE	IGN PATENT DOCUMENTS		,			
	DOCUMENT NUMBER	DATE	DATE COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
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	OTHER DOCUME	NTS (Includin	ng Author, Title, Date, Pertinent F	Pages, Etc.)				
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ATTY DOCKET NO.
DP-30607

SERIAL NO.

Inventor: Robert A. Roth

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U.S. PATENT DOCUMENTS									
'EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE			
	2,949,931	08/23/1960	Ruppright						
(1)	3,026,903	03/27/1962	Roach						
VM	3,272,218	09/13/1966	Johnson						
(4)	3,297,049	01/10/1967	Moskovitz						
W)	3,425,444	02/04/1969	Jones						
	3,443,579	05/13/1969	Doolittle						
	3,937,250	02/10/1976	Golan et al.						
	4,003,405	01/18/1977	Hayes et al.						
V)	4,078,577	03/14/1978	Brown						
	4,129,145	12/12/1978	Wynn						
M	4,149,559	04/17/1979	Wormser						
0 \	,	FORE	EIGN PATENT DOCUMENTS			,			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS YES	LATION NO		
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ATTY DOCKET NO.

DP-3060

SERIAL NO.

Inventor: Robert A. Roth

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U.S. PATENT DOCUMENTS									
*EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	4,237,918	12/09/1980	German						
XI.	4,275,759	06/30/1981	Huang						
	4,325,343	04/20/1982	Turner		-				
	4,343,328	08/10/1982	Junger						
	4,424,830	01/10/1984	Arnsperger et al.						
	4,744,387	05/17/1988	Otteman						
	4,874,012	10/17/1989	Velie						
W2	5,320,136	06/14/1994	Morris et al.						
W	5,513,395	05/07/1996	Chlebek et al.						
Va	5,577,892	11/26/1996	Schittler et al.						
<u> </u>	5,727,529 03/17/1998		Tuckey						
	<u>, </u>	FORE	IGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
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	A Section	DOCUMENT NUMBER DATE				NAME	CLASS	SUBCLASS FILING			
INITIAL		1,75	59,081	05/20/1930	Anderson				7, 11, 2, 11, 2, 1		
D. T.		2,28	35,997	06/09/1942	Mino		F	ECEI	VED		
()		4,75	56,281	07/12/1988	Chen et	al.		JUN 0 5	2003		
		5,08	34,166	01/28/1992	Shiraga	et al.	TEC	NOLOGY CE	NTER R370	00	
V 2		5,13	30,014	07/14/1992	Volz						
m		5,41	5,146	05/16/1995	Tuckey						
R		5,66	55,229	09/09/1997	Fitzpatı	rick et al.					
R		5,728,292 03/17/1998			Hashim	oto et al.					
R		5,91	18,852	07/06/1999	Otto						
7		6,07	70,605	06/06/2000	Steenbu	ırgh					
		6,26	50,530	07/17/2001	Keon, J	r.		<u> </u>			
				FORE	IGN PATE	NT DOCUMENTS	<u> </u>	_			
		DOCUMENT NUMBER DATE		DATE		COUNTRY	CLASS	SUBCLASS	TRANS YES	LATION NO	
R		1.08	38.616	03/09/1955	France						
XX		207	8408	03/19/1990	Japan						
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INITIAL			<u> </u>				IF APPROPE	RIATE
W	6,401,749	06/11/2002	Tai et a					
	6,422,265	07/23/2002	Beyer e			ECEI	 	-
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2,599,898	06/10/1952	Dalrym	ple		JUN 0 5	 	
W A	3,039,658	06/19/1962	Hoelle		TECH	NOLOGY CEN	TER R3700	
M	3,180,354	04/27/1965	Grose					
· () (3,485,441	12/23/1969	Eaton,	Jr.				
1	3,773,440	11/20/1973	Tateish	i				
M	4,697,995	10/06/1987	Tuckey					
M	4,964,391	10/23/1990	Hoover					
Dy A	5,421,306	06/06/1995	Talaski					
M	5,785,025	07/28/1998	Yoshiume et al.					
		FORE	EIGN PATE	NT DOCUMENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	ASS SUBCLASS	TRANSI YES	LATION NO
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